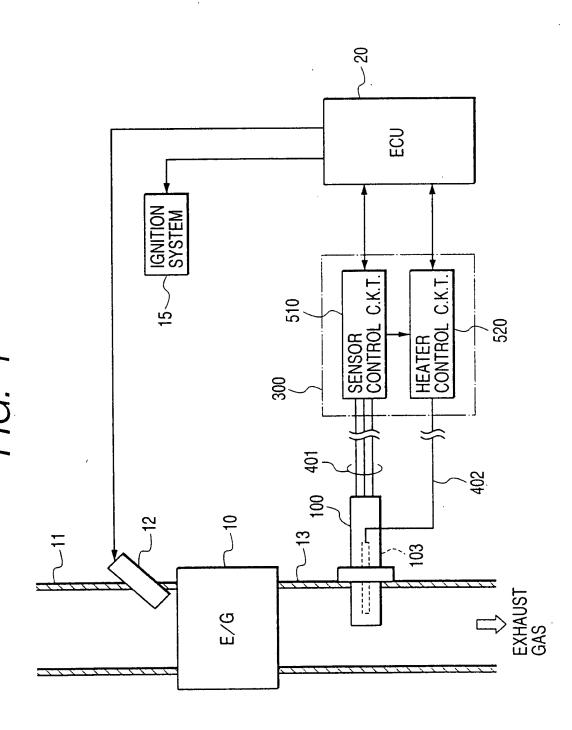
i-51



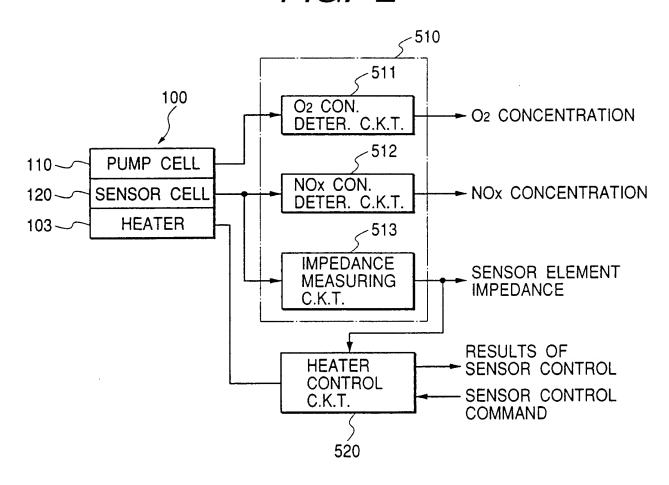






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FIG. 2



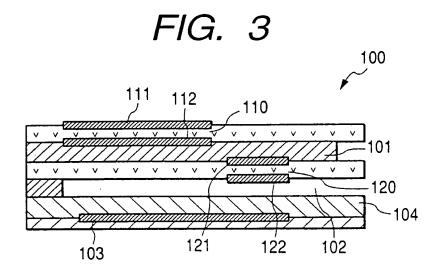




FIG. 4(a)

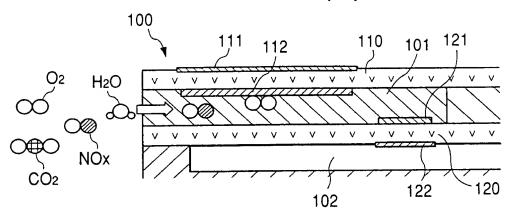


FIG. 4(b)

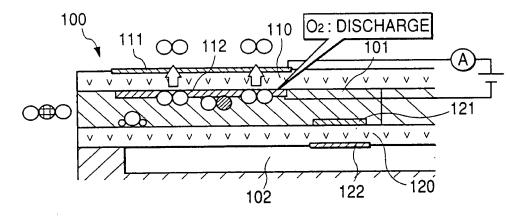


FIG. 4(c)

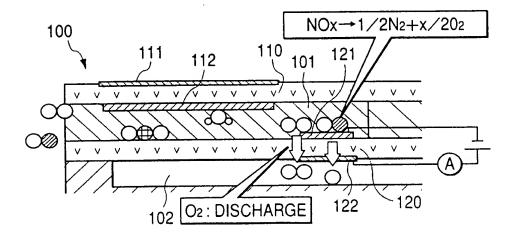




FIG. 5

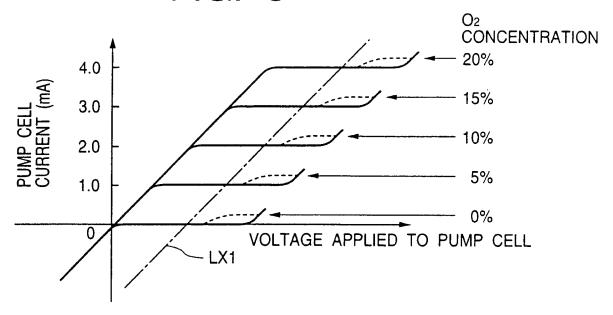


FIG. 6

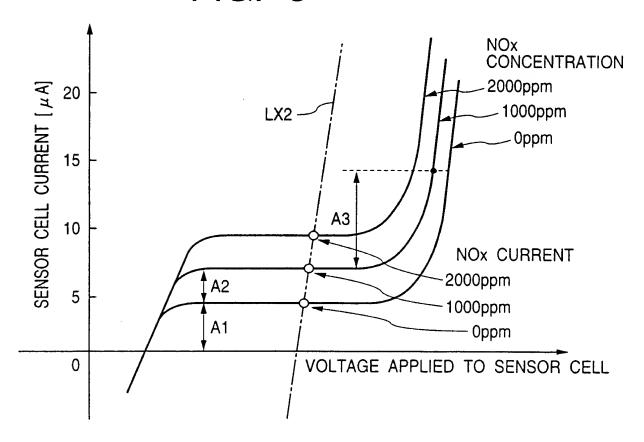
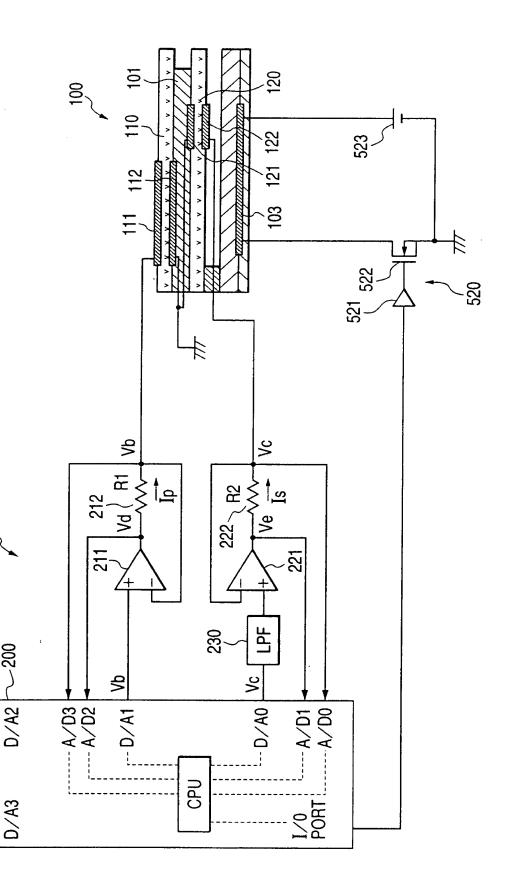


FIG. 7

02 CONCENTRATION CONCENTRATION OUTPUT OUTPUT

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FIG. 8

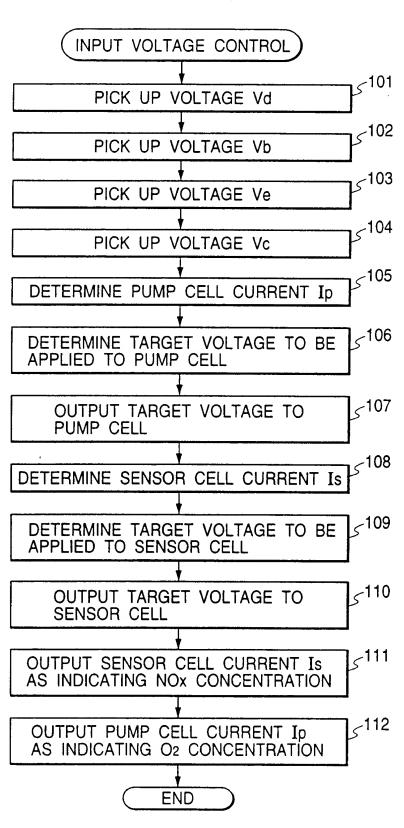
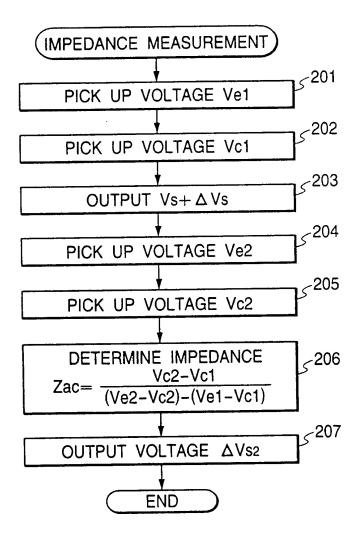




FIG. 9



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FIG. 10

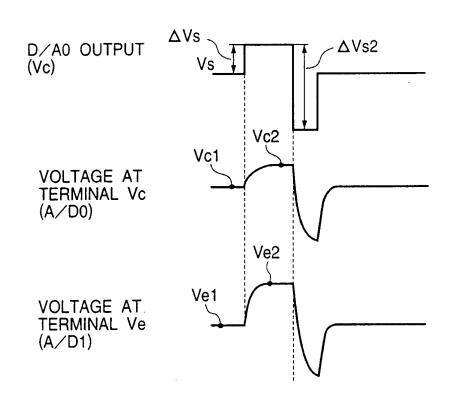
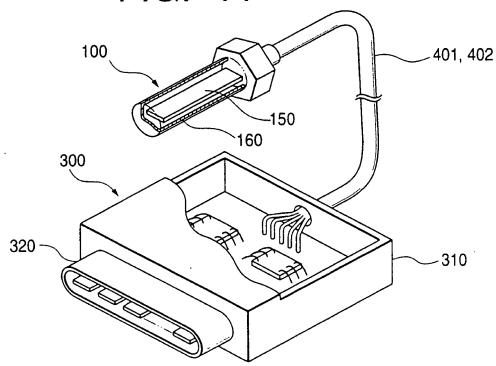


FIG. 11



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FIG. 12

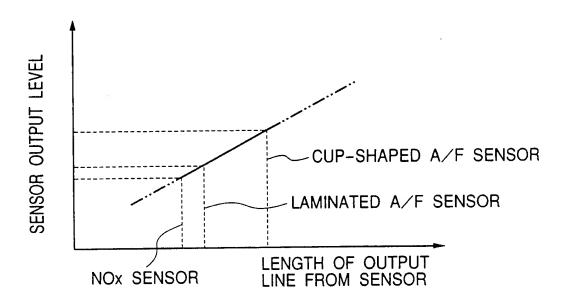


FIG. 13

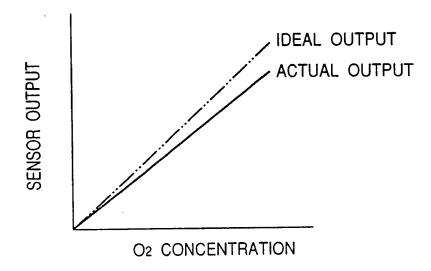








FIG. 14

► NO_x CONCENTRATION **►** O₂ CONCENTRATION SENSOR ELEMENT IMPEDANCE CORRECTION C.K.T. CORRECTION C.K.T. 531 532 533 CORRECTION CORRECTION C.K.T. 534 O₂ CON. DETER. C.K.T. NOX CON. DETER. C.K.T. IMPEDANCE MEASURING C.K.T. 512 513 511 HEATER CONTROL C.K.T. 520 SENSOR CELL PUMP CELL HEATER 120~